

**DURABLE, LIGHTWEIGHT, AND EASY TO OPERATE**



**D91P Hand-held Omnidirectional Dynamic Microphone**

- **AIDS ARTICULATION AND INTELLIGIBILITY IN TRANSMISSION OF VOICE FREQUENCIES**
- **ENCASED IN AN IMPACT-RESISTANT PLASTIC HOUSING FOR MAXIMUM PROTECTION**
- **NICKEL-PLATED STEEL CLIP-TYPE MOUNTING BRACKET IS INCLUDED**
- **ENHANCES COMPUTER FLEXIBILITY**

#### **APPLICATIONS**

- **Hotels**
- **Airports**
- **Convention Facilities**
- **Aircraft**
- **CB Applications**

# SPECIFICATIONS FOR THE D91P HAND-HELD OMNIDIRECTIONAL DYNAMIC MICROPHONE

<b>Type:</b>	Hand-held, close-talking, omnidirectional dynamic microphone	<b>Weight:</b>	4.5 oz. (127.6 gm), less cable
<b>Frequency Response:</b>	180-10,000 Hz	<b>Case:</b>	Impact-resistant plastic, charcoal gray
<b>Output Level:</b>	-60 dBm at 1 Pa	<b>Cable:</b>	5½' extended, 10"-12" retracted 4-conductor (2 shielded, 2 unshielded) coil cord with neoprene jacket
<b>Impedance:</b>	150/250Ω	<b>Mounting Facility:</b>	Nickel-plated, spring steel, clip-type mounting bracket with two No. 6 sheet-metal screws 5/16" long
<b>Pickup Pattern:</b>	Omnidirectional		
<b>Connections—</b>			
<b>Microphone:</b>	2 shielded conductors		
<b>Relay Control Circuit:</b>	2 unshielded conductors		
<b>Dimensions:</b>	2½" (6.4 cm) W 3⅝" (9.2 cm) L 2" (5.1 cm) H	<b>Operating Temperature Range:</b>	Up to 180°F

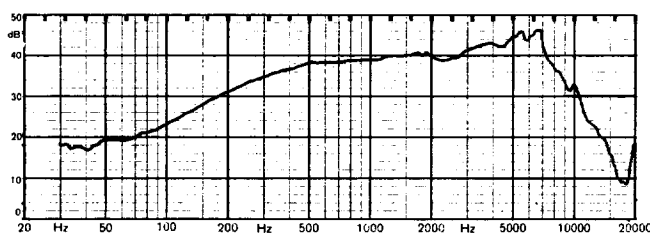


FIGURE 1. FREQUENCY RESPONSE

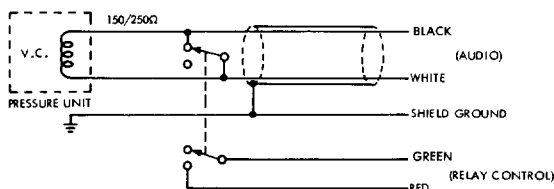


FIGURE 2. D91P MICROPHONE WIRING DIAGRAM

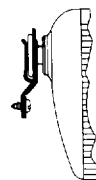


FIGURE 3. D91P MOUNTING DETAIL  
PART NO. 14-08-014539

## ARCHITECT'S AND ENGINEER'S SPECIFICATIONS

The omnidirectional dynamic microphone shall be the hand-held, close-talking type with a push-to-talk switch that shall enable simultaneous operation of relays, visual indicators, etc., with the muting of the audio circuit by means of an extra set of prewired contacts. The microphone shall be encased in an impact resistant housing with all internal components shock mounted for protection.

\*10 dynes/cm<sup>2</sup> = 1 Pascal = 10 Microbars

The microphone shall meet the following criteria:  
Frequency response from 100-5000 Hz. Sensitivity, -60 dBm/1 Pa. Impedance, 150/250Ω. Connections, 2 shielded conductors for audio circuit, 2 unshielded conductors for relay control circuit.

The microphone shall be the ALTEC LANSING Model D91P.



a MARK IV company

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